WHAT IS CLAIMED IS:

1.   A system for recovering backup data to restore an affected server in a computer network, comprising:

a storage device coupled to the computer network and operable to store data received from the network, wherein the storage device is associated with an address;

a dedicated backup storage device coupled to the computer network and operable to store backup data received from the storage device and to transfer the backup data to the affected server, wherein the dedicated backup storage device is associated with an address; and

software for loading an operating system onto the affected server; and

an address masking driver operable to prevent access to the address of the storage device by the operating system while the affected server is recovering backup data from the dedicated backup storage device.